

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR LH30M 112349-1253 - Hydraulic System

Sample No: LH0274578

Oil Type: NOT GIVEN



MONAGHAN MUSHROOMS LTD
 7345 GUELPH LINE
 CAMPBELLVILLE, ON
 CA L0P 1B0
 Contact: Steven Cargill
 s.cargill@monaghan-mushrooms.com
 T:
 F:



SAMPLE INFORMATION

Sample Number	LH0274578	LH0261539	LH	LH0251432
Sample Date	30 Aug 2023	11 Jun 2023	06 Apr 2023	16 Jan 2023
Machine Hours	10003	9416	8940	8336
Oil Hours	0	0	0	0
Oil Changed	Not Changd	Not Changd	Not Changd	Not Changd
Sample Status	NORMAL	ATTENTION	NORMAL	NORMAL



OIL CONDITION

Visc @ 40°C	cSt	41.7	41.4	41.0	40.6
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CONTAMINATION

Particles >4µm		3209	20865	4132	2225
Particles >6µm		854	5289	967	542
Particles >14µm		52	291	35	30
ISO 4406:1999 (c)		19/17/13	22/20/15	19/17/12	18/16/12
Silicon	ppm	<1	<1	1	<1
Sodium	ppm	<1	1	2	2
Potassium	ppm	<1	<1	<1	<1



WEAR METALS

Iron	ppm	19	24	35	31
Copper	ppm	3	4	5	5
Lead	ppm	<1	<1	<1	<1
Tin	ppm	0	0	<1	0
Aluminum	ppm	<1	0	0	<1
Chromium	ppm	1	1	2	2
Molybdenum	ppm	0	0	0	0
Nickel	ppm	0	0	<1	<1
Titanium	ppm	0	0	0	0
Silver	ppm	0	0	0	0
Manganese	ppm	<1	<1	<1	<1
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	217	298	474	479
Magnesium	ppm	2	2	3	3
Zinc	ppm	561	556	663	644
Phosphorus	ppm	477	500	590	555
Barium	ppm	0	0	0	0
Boron	ppm	<1	<1	<1	<1

Diagnosis

Resample at the next service interval to monitor. Please specify the brand, type, and viscosity of the oil on your next sample. All component wear rates are normal. The system cleanliness is acceptable for your target ISO 4406 cleanliness code. The system and fluid cleanliness is acceptable. The condition of the oil is acceptable for the time in service.

Depot: MONCAM
 Unique No: 5632756
 Signed: Wes Davis
 Report Date: 01 Sep 2023

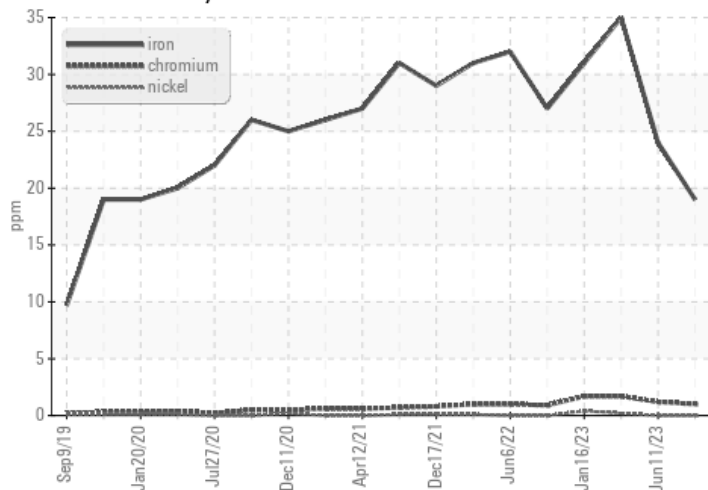
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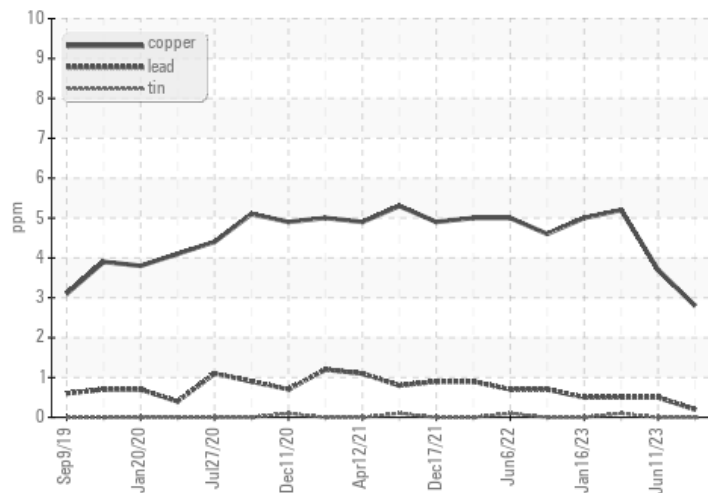


GRAPHS

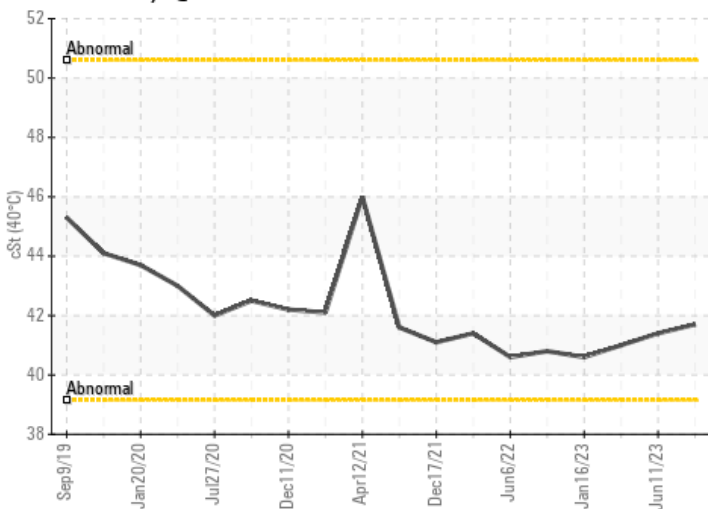
Ferrous Alloys



Non-ferrous Metals



Viscosity @ 40°C



Particle Count

